

L 38383-66

ACC NR: AT6011147

movements of the earth's crust often leads to incorrect interpretation of the time of formation of structural forms. In addition, tectonic activity tends to improve reservoir capabilities and sometimes even helps to create the reservoirs (by jointing). [JJ]

SUB CODE: 08 ~~1~~ / SUBM DATE: none/

Card 2/2 MLP

GUTKOVSKIY, Vladimir Antonovich, kandidat tekhnicheskikh nauk; KOZLOV, Leonid Sergeyevich, inzhener; TSYGANKOV, A.Z., inzhener, redaktor; KANDYKIN, A.Ye., tekhnicheskii redaktor

[Fuel economy for locomotives; experience of locomotive brigades on the Pechora railroad] Ekonomiya topliva na parovozakh; opyt parovoznykh brigad Pechorskoi zheleznoy dorogi. Moskva, Gos. transp. zhelezno-dorozhnoe izd-vo, 1955. 25 p. (MLRA 9:6)

1. Zamestitel' nachal'nika Pechorskoy zheleznoy dorogi (for Gutkovskiy)
  2. Nachal'nik toplivno-teplotekhnicheskogo otdela Pechorskoy zheleznoy dorogi (for Kozlov).
- (Locomotives--Fuel consumption)

TSYGANKOV, Aleksey Zakharovich, inzh.; VOROB'YEV, V.K., inzh., red.;  
KHITROV, P.A., tekhn.red.

[Firing locomotives with fuel oils] Otoplenie parovozov topochnymi  
mazutami. Moskva, Gos.transp. zhel-dor.izd-vo, 1959. 37 p.  
(MIRA 12:3)

(Locomotives)

(Petroleum as fuel)

TSYGANKOV, A.Z.

TSYGANKOV, A.Z., inzhener.

Experience operating locomotives using petroleum firing. Zhel.dor.  
transp. 39 no.8:68-71 Ag '57. (MLRA 10:9)  
(Locomotiven)

1851. BASIC TASKS FOR IMPROVING FUEL UTILISATION ON RAILROADS.  
Taygankov, A.Z. (Za Ekonomiya Topliva, 1946, 3, No.7, 4-7; Chem.  
Abstr., 1946, 40, 7556).

The additional burden placed on locomotives using coal with excess ash and improperly sized is discussed. To eliminate intermediate cleaning, to hasten runs, and to shorten the time required for a round trip between divisions coal must not contain over 10% of ash and must be properly sized (preferred size 13-50mm.)

LIST AND JND ORDERS																										PROCESSES AND PROPERTIES INDEX																									
<p>ca</p> <p>21</p> <p>Basic tasks for improving the fuel utilization on railroads. A. Z. Tsygankov. <i>Za Ekonomiya Tselin 3</i>, No. 7, 4-7(1946).—The additional burden placed on locomotives using coal with excess ash and improperly sized is discussed. To eliminate intermediate cleaning, to hasten runs, and to shorten the time required for a round trip between divisions coal must not contain over 10% of ash and must be properly sized (preferred size 13-50 mm.). M. Hoseh</p>																										COMMON ELEMENTS																									
																										COMMON VARIANTS INDEX																									
ASR-SLA METALLURGICAL LITERATURE CLASSIFICATION																										FROM BOWEN																									
REGIONAL INDEX																										ILLUSTRATION																									
SUBJECT INDEX																										ALPHA INDEX																									

L 32943-66 EWT(1)

ACC NR: AP6021784

SOURCE CODE: UR/0413/66/000/012/0049/0049

INVENTOR: Magrachev, Z. V.; Tsygankov, B. K.; Yegupov, V. Ya.

ORG: none

TITLE: Pulse stretcher. Class 21, No. 182767 [announced by Electrical Measurement Instruments Plant (Zavod elektroizmeritel'nykh priborov)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 49

TOPIC TAGS: pulse shaper, capacitor, electronic circuit

ABSTRACT: A pulse stretching circuit for use in digital pulse duration measurements is shown in Fig. 1. It consists of a regulated charging current source which

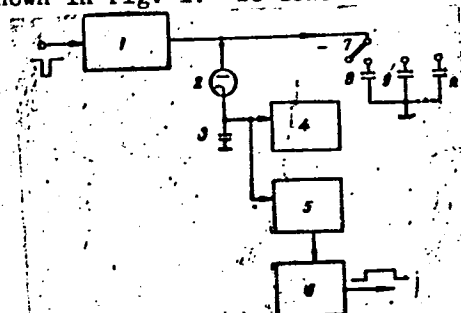


Fig. 1. Pulse stretcher circuit

1 - Regulated capacitor charging current source; 2 - diode; 3 - integrating capacitor; 4 - regulated discharge current source; 5 - comparator; 6 - forming circuit; 7 - range switch; 8, 9, ... n - additional capacitors.

Card 1/2

UDC: 621.374:621.317:795

L 32943-66

ACC NR: AP6021784

drives an integrating capacitor (3) through a diode. The capacitor (3) is connected to the diode cathode, regulated discharge current source, and a comparator. To insure operation of the circuit in the same mode in all measurement ranges, additional capacitors may be switched into the circuit by a range switch. Orig. art. [BD]  
has: 1 figure.

SUB CODE: 09/ SUBM DATE: 06Sep65/ ATD PRESS: 5027

Card

2/2



ACC NR: AP6036151

SOURCE CODE: UR/0018/66/000/011/0077/0079

AUTHOR: Tsygankov, G. (Captain)

ORG: none

TITLE: Gain time by opening fire faster [Antiaircraft battery deployment]

SOURCE: Voyenny vestnik, no. 11, 1966, 77-79

TOPIC TAGS: antiaircraft fire control system, antiaircraft defense, <sup>GROUND FORCE</sup>tactic

ABSTRACT: For the quick response of antiaircraft units to the necessity of opening fire during a meeting engagement, in an offensive battle or during a march, the firing position is assumed as follows: The battery commander breaks away from the column and stops his vehicle in the center of the potential firing position, with his vehicles' radiator in the general direction of the line of fire. The antiaircraft battery is deployed around the commander's vehicle in a hexagonal arrangement, with the first platoon to the right of center of the firing position and the second platoon to the left. The antiaircraft fire director and gun-laying radar is located to the rear, depending on the nature of the terrain. This arrangement simplifies the deployment and control of the battery's fire. Orig. art. has: 1 figure.

SUB CODE: 15/ SUBM DATE: none

Card 1/1

UDC: none

TSYGANKOV, Grigoriy Mineyevich; VLASOV, Vladimir Kuz'mich;  
LILENKO, S.I., red.

[Experience in the treatment of acute pneumonias at home]  
Opyt lecheniia ostrykh pnevmonii v domashnikh usloviakh.  
Leningrad, Meditsina, 1964. 126 p. (MIRA 17:10)

TSYGANKOV, G.M., prof. (Leningrad)

Incidence and results of treatment of acute pneumonias in  
Leningrad. Sovet. zdravookhr. 12 no.1:53-58 '63 (MIRA 17:63)

1. Glavnyy terapevt Leningradskogo gorodskogo otdela zdravookhra-  
neniya (zav. V.A. Minyayev).

TSYGANKOV, Grigoriy Mineyevich; KRASOVSKIY, I.I., red.; BUGROVA,  
G.I., tekhn. red.

[Hemorrhagic nephrosonephritis] Gemorragicheskii nefrozo-  
nefrit. Leningrad, Medgiz, 1963. 171 p. (MIRA 16:7)  
(KIDNEYS--DISEASES)

TSYGANKOV, I.

Improve the quality of sieves in separators. Muk.-elev.prom.  
30 no.1:29 Ja '64. (MIRA 17:3)

1. Kagal'nitskiy khlebopriyemnyy punkt Rostovskoy oblasti.

NIKOLAYEV, Yu.V., kand. tekhn. nauk, red.; TSYGANKOV, I.I., inzh.,  
red.; STRASHNYKH, V.P., red. izd-va; RODIONOVA, V.I.,  
tekhn. red.

[Standards SN 209-62 for the technical design of enterprises  
for the production of solid and cellular silicate concrete  
articles] Normy tekhnologicheskogo proektirovaniia predpri-  
iati po proizvodstvu izdelii iz plotnogo i ischeistogo sili-  
katnogo betona (SN 209-62). Moskva, Gosstroizdat, 1962. 18 p.  
(MIRA 15:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam  
stroitel'stva.

(Industrial plants--Design and construction)  
(Precast concrete)

MALYUGIN, Vladimir Ivanovich, kand. ekon. nauk; TSYGANKOV,  
I.I., nauchn. red.

[Effectiveness of using precast lightweight concrete  
elements in construction] Effektivnost' primeneniya v  
stroitel'stve sbornyykh konstruktsii iz legkikh beto-  
nov. Moskva, Stroiizdat, 1965. 54 p. (MIRA 18:6)

SHIRIDONOV, V.M.; TSYGANKOV, I.I.

Prospect for using plastics in structural elements. Stroi. mat.  
10 no.10:3-5 0 '64. (MIRA 18:2)



TSYGANKOV, I.I., inzh., red.; PESEL'NIK, V.Ye., kand. tekhn. nauk, red.; DESOV, A.Ye., doktor tekhn. nauk, red.; ERLANDTS, V.V., inzh., red.; LOPOVOK, L.I., kand. Arkhitektury, red.; GORLOV, S.A., inzh., red.; PETROVA, V.V., red. izd-va; SHITOVA, L.N., red. izd-va; KOMAROVSKAYA, L.A., tekhn. red.; RODIONOVA, V.M., tekhn. red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroizdat. Pt.1. Sec.V. ch.3. [Concrete with binorganic binders and aggregates (SNiP I-V.3-62)] Beton na neorganicheskikh viazhushchikh i zapolniteliakh (SNiP I-V.3-62). 1963. 14 p. Pt.1. Sec.V. ch.9. [Ceramic materials and products (SNiP I-V. 9-62)] Keramicheskie materialy i izdelia (SNiP I-V. 9-62. 20 p. (MIRA 16:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosstroy SSSR (for Erlandts, Tsygankov).
3. Mezhdudomstvennaya komissiya po peresmotru stroitel'nykh norm i pravil (for Lopovok, Pesel'nik). 4. Gosudarstvennyy nauchno-issledovatel'skiy institut stroitel'noy keramiki Gosudarstvennogo komiteta Soveta Ministrov SSSR po delam stroitel'stva (for Gorlov). 5. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for Desov).

(Ceramic materials) (Aggregates (Building materials))

NIKOLAYEV, Yu.V., kand. tekhn. nauk, red.; TSYGANKOV, I.I., inzh., red.; PETROVA, V.V., red. izd-va; TEMKINA, Ye.L., tekhn. red.

[Norms (SN 199-61) for the technical design of enterprises manufacturing precast reinforced concrete products, using unit-flow and stationary methods of production] Normy tekhnologicheskogo proektirovaniia predpriatii sbornykh zhelezobetonnykh izdelii s agregatno-potochnym i stendovym sposobami proizvodstva (SN 199-61). Moskva, Gosstroizdat, 1962. 18 p. (MIRA 15:9)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva.

(Concrete plants)

TSYGANKOV, I.I., inzh.

Standards for technological planning of enterprises for the  
production of silicate concrete articles. Stroi. mat. 8  
no.6:3-5 Je '62. (MIRA 15:7)

(Sand-lime products)

TSYGANKOV, I.I., inzh.

Useful book on the economics of manufacturing precast concrete.

Prom. stroi. 41 no.8:47 Ag '64.

(ICMA 17:11)

TSYGANKOV, D. S.

"Ecology of the Muskrat in the Forest-Steppe  
Regions of the Trans-Ural Area." Thesis for  
degree of Cand. Biological Sci. Sub 24 Apr 50  
Moscow Fur (and Pelt) Inst

FDD Summary 71, 4 Sep 52, Dissertations Presented  
for Degrees in Science and Engineering in Moscow  
in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

TSYGANKOV, D.S.

Method for determining the age and longevity of the muskrat  
(*Fiber zibethicus* L.). Zool. zhur. 34 no. 3: 640-651 My-Je '55.  
(MIRA 8:8)

1. Kafedra biotekhniki Moskovskogo pushno-mekhovogo instituta  
(Muskrate)

REZNIK, B.Ye.; TSYGANOK, L.P.

Photometric study of phosphomolybdic and molybdic acids  
in solution. Zhur.neorg.khim. 10 no.8:1914-1917 Ag '65.  
(MIRA 19:1)

1. Submitted November 10, 1964.

TSYGANOV, E.N.

Elastic high-energy proton-proton scattering. Zhur. eksp.  
i teor. fiz. 42 no.6:1456-1460 Je '62. (MIRA 15:9)

1. Ob'yedinennyy institut yadernykh issledovaniy.  
(Protons--Scattering)



FUKS, B.B.; KONSTANTINOVA, I.V.; STEFANOVICH, L.Ye.; LUK'YANOVA, I.G.;  
TSYGANKOV, L.I.; KOLAYEVA, S.G.; KRASS, I.M.; VAN'KO, L.V.

Specific biosynthesis of antibodies induced by ribonucleic acid from  
the lymphatic nodes and spleen of immune rabbits. Dokl. AN SSSR 153  
no.2:485-488 N '63. (MIRA 16:12)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN SSSR.  
Predstavleno akademikom A.N.Belozerskim.

\*

KOSTOGRYZOV, V.S., kand.tekhn.nauk; TSYGANKOV, O.L.

Automatic gas-pressure control systems in the working area of regenerative soaking pits. Avtom. i prib. no.1:15-21 Ja-Mr '63. (MIRA 16:3)

1. Institut avtomatiki Gosplana UkrSSR.  
(Furnaces, Heating) (Electronic control)

S/081/62/000/022/029/088  
B144/B101

24.5500

AUTHORS: Kostogryzov, V. S., Miroshnichenko, M. V., Tsygankov, O. L.

TITLE: New method of measuring radiant heat fluxes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 281,  
abstract 22I25 (Sb. nauchn. tr. In-t avtomatiki Gosplana  
USSR, no. 2, 1961, 74-77)

TEXT: An apparatus was devised for measuring temperatures and radiant heat fluxes. This apparatus is characterized by the fact that during operation the temperature  $T_s$  of the sensor does not change so the corresponding corrections to the measurement results can be omitted. The constancy of  $T_s$  is achieved by changing the heat flux picked up by reducing the angular coefficient of radiation interchange. This interchange, determined in the apparatus by simple geometrical relations, characterizes unambiguously the dependence between absorbed and emitted radiation flux. A way of automatizing the method of measuring radiant heat fluxes is demonstrated. [Abstracter's note: Complete translation.]

Card 1/1

SEMIKIN, I.D., prof.; KOSTOCRYZOV, V.S., kand.tekhn.nauk; TSYGANKOV, O.L.,  
inzh.

Radiation thermometer. Avtom.i prib. no.2:153-164 '61.  
(MIRA 14:12)  
(Thermometers)

S/124/63/000/002/016/052  
D234/D308

AUTHORS: Semikin, I.D., Kostogryzov, V.A. and Tsygankov, O.L.

TITLE: A radiation thermometer

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 2, 1963, 110,  
abstract 2B750 (Sb. nauchn. tr. In-t avtomatiki Gos-  
plana USSR, no. 2, 1961, 153-164)

TEXT: A short theoretical explanation of the operation  
principles of the thermometer, a description of its design, certain  
test methods and some characteristics, are given. The thermometer  
is intended for temperatures from 600° to 1500°C; the time constant  
is of the order of 10 - 15 sec.  
[Abstracter's note: Complete translation]

Card 1/1

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column ~~P. D. JEFFERSON~~ and ~~the~~ ~~theoretical~~ ~~plates~~ ~~needed~~ ~~to~~ ~~rectify~~ ~~EtOH~~ ~~from~~ ~~mixts.~~ ~~was~~ ~~given~~ ~~E. A. M.~~ ~~1/1~~  
and the specification for the no. of theoretical plates neces-  
sary to rectify EtOH from mixts. was given E. A. M. ~~1/1~~

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TSYGANOK, P I

Neftepromyslovoye Khozyaystvo (Petroleum Industry Economy) by D. A. Chizhichenko, M. N. Bazlov I P. I. Tsyganok. Moskva, Gostoptekhizdat, 19. v. Diagr., Tables, Includes Bibliographies, Lib. Has: 1952, 1957.

Dependence of the recording characteristics of the nuclear

0.77



TSYGANOV, F.N.

TSYGANKOV, G.

Using five-tiered sieve arrangements for cleaning grain. Muk.-elev.  
prom.21 no.6:20 Je 55. (MLRA 8:10)

1. Khotunskiy zagotovitel'nyy punkt  
(Grain--Cleaning)

PA 14/49T65

TSYGANKOV, G. M.

USSR/Medicine - Tick Fevers  
Medicine - Clinic

Jun 48

"Clinic for Far Eastern Exanthematous Typhus (Tick  
Fever)," G. M. Tsygankov, 7 pp

"Klin Med" Vol XXVI, No 6

Reports clinical observations of typhus cases.  
Results show tick fever is not same as rickettsiosis  
also observed in Asiatic part of USSR.

14/49T65

TSYGANKOV, G.M., polkovnik med. sluzhby; KUZ'MENKO, I.A., podpolkovnik  
med. sluzhby

Radium application; indications and methods of use. Voen.-med. zhur.  
no.6:14-18 Je '58. (MIRA 12:7)

(RADIUM, ther. use

local application to skin surface, indic. and methods  
for use (Rus))

TSYGANKOV, G.M., prof.; ZHILOV, M.S.; EYDINOV, Ya.B., kand.med. nauk  
(Leningrad)

Results of the prevention of a myocardiac infarct and thrombo-  
embolic diseases in Leningrad. Klin. med. 40 no.11:44-51 N'62  
(MIRA 16:12)

TSYGANKOV, G.M., doktor meditsinskikh nauk

Clinical aspects and treatment of hemorrhagic fever, Klin. med.

35 no.1:10-20 Ja '57

(MLRA 10:4)

(WEIL'S DISEASE

clin. aspects & ther.)

TSYGANKOV, G.M., doktor med.nauk, YASINSKIY, Ye.Ye.

Epidemiology and clinical picture of epidemic serous meningitis.

Klin.med. 36 no.9:124-130 S'58

(MIRA 11:10)

(MENINGITIS,

serous epidemic., epidemiol. & clin. manifest. (Rus))

TSYGANKOV, G. M.

Electric Lines - Underground

Laying an electric transmission line in frozen ground Elek. Sta. 23 no. 3:25-27 Mr '52  
Inzh.

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED



TSYGANKOV, I.; YEGOROV, B.

Production and properties of products made of gas concrete. Strel.mat.,  
izdel.i kenstr. 2 no.3:17-20 Mr '56. (MLBA 9:7)  
(Lightweight concrete)

TSYGANKOV, I., inzhener.

Propagating the experience of innovators of the reinforced concrete industry. Stroimaterializdat. 2 no. 6:34-36 Je '56.

(MLRA 9:8)

(Reinforced concrete)

TSYGANKOV, I.

TSYGANKOV, I., inzhener.

Technical specifications and quality of precast reinforced  
concrete. Stroi. mat. 3 no.4:21-22 Ap '57. (MLRA 10:6)  
(Precast concrete)

TSYGANOV, X.

Insurance arithmetic. Fin. SSSR 19 no.2:71-73 P '58.

(MIRA 11:3)

1. Zamestitel' nachal'nika Upravleniya Gosstrakha po Rostovskoy oblasti.

(Rostov Province--Insurance, Agricultural)

Tsygankov

✓ Manufacture and properties of porous concrete articles.

1. Tsygankov and B. Ergasov. *Stroitel' Materialy* 2, No. 3, 17-20 (1956).—Properties of Syporex concrete and articles made from it are described. The use of  $H_2O_2$  in concrete to render it porous doubles the compression strength after autoclaving and speeds setting, permitting its finishing 12-15 min. after casting. The whole gassing operation is completed with its use in 5-10 min. after adding  $H_2O_2$  to the mix. Concrete formed in this manner is not susceptible to shocks; this allows it to be handled directly after casting.

J. D. Gat

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TSYGANKOV, I., inzhener.

The efficiency of reinforced concrete products and designing in  
conventional cubic content. Stroi.mat.izdel. i konstr. 1 no.9:22-25  
S '55. (MLRA 9:1)

1. Nachal'nik PTO Glavzhlezbetona Ministerstvo promyshlennosti  
stroitel'nykh materialov.

(Reinforced concrete)

TSYGAEKOV, I., inzhener

Improving the quality indices of precast reinforced concrete. Stroi.  
mat., izdel. i konstr. 1 no.8:7-10 Ag'55. (MLRA 8:11)  
(Precast concrete)

TSYGANKOV, I.I.

Speed up the increase in the capacity of producing precast  
concrete for industrial construction. Prom. stroi. 38 no. 12:2-  
5 '60. (MIRA 13:12)

(Precast concrete construction)



*TSYGANKOV, I.I.*  
PODLESNYKH, Viktor Sergeyevich; *TSYGANKOV, I.I.*, nauchnyy redaktor; GURVICH,  
E.A., redaktor; GLADIKH, N.N., tekhnicheskiy redaktor.

[Assembly-line production of precast reinforced concrete; the experience  
of the Lyubertsy plant of the Main Moscow Administration for Reinforced  
Concrete Construction] Konveiernoe proizvodstvo sbornogo zhelezobetona;  
opyt Liuberetskogo zavoda Glavmoszhelezobetona. Moskva, Gos.izd-vo  
lit-ry po stroit.materialam, 1956. 54 p. (MLRA 10:4)  
(Reinforced concrete) (Assembly-line methods)

OVSYANKIN, V.I.; TSYGANKOV, I.I., inzh., nauchnyy red.; AZRILYANT,  
Ya.M., red.izd-va; GRIGOR'YEV, L., tekhn.red.

[Lightweight concretes based on porous aggregates; manufacture  
and use] Legkie betony na poristyykh zapolnitel'nykh; prigo-  
tovlenie i primeneniye. Moskva, Gos.izd-vo lit-ry po stroit.,  
arkhit. i stroit.materialam, 1960. 23 p.

(MIRA 14:2)

1. Deyatvitel'nyy chlen Akademii stroitel'stva i arkhitektury  
SSSR (for Ovsyankin).

(Lightweight concrete)

TSYGANKOV, I.I., inzh., red.; LOPOVOK, L.I., kand. arkh., red.;  
ZAVADIVKER, B.N., kand. tekhn. nauk, red.

[Construction specifications and regulations] Stroitel'nye  
normy i pravila. Pt.I. Sec.V. ch.5.[Reinforced concrete  
products; general instructions] Zhelezobetonnye izdeliia;  
obshchie ukazaniia (SNiP I. V.5-62). 1963. 25 p.

(MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam  
stroitel'stva. 2. Gosstroy SSSR (for TSYgankov). 3. Mezhdome-  
stvennaya komissiya po peresmotru Stroitel'nykh norm i pravil  
(for Lopovok). 4. TSentral'nyy nauchno-issledovatel'skiy in-  
stitut eksperimental'nogo proyektirovaniya zhilishcha Akademii  
stroitel'stva i arkhitektury SSSR (for Zavadivker).

NOSSENKO, N.Ye.; TSYGANKOV, I.I., nauchnyy red.; FEDOROVA, T.N., red.  
izd-va; GILSON, P.G., tekhn.red.; OSENKO, L.M., tekhn.red.

[Making and stretching reinforcements of prestressed reinforced concrete construction elements] Zagotovka i natiashenie armatury predvaritel'no napriazhennykh zhelezobetonnykh konstruktsei. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 253 p. (MIRA 12:12)  
(Prestressed concrete)

TSYGANKOV, I.<sup>I</sup> inzh.

Developing production potentialities of precast reinforced concrete  
plants. Stroi. mat. 4 no.1:24-26 Ja '58. (MIRA 11:2)  
(Concrete plants)

SKRAMTAYEV, B.G., doktor tekhn. nauk, prof.; VYSOTEKIY, P.I., inzh.;  
TSYGANKOV, I.I., inzh.

Industry manufacturing precast reinforced concrete and large  
blocks in the German Democratic Republic. Biul. stroi. tekhn.  
15 no. 7:32-35 J1 '58. (MIRA 11:7)  
(Germany, East--Precast concrete)

KOTENKO, Andrey Ignat'yevich, glavnyy inzhener; TSYGANKOV, I.I.,  
nauchnyy red.; GURVICH, E.A., red.; PYATAKOVA, N.D., tekhn.red.

[More reinforced concrete for Moscow builders; practices of the  
No.5 Factory producing reinforced concrete components under the  
Main Moscow Division for Reinforced Concrete] Bol'she sheleso-  
betona stroikam Moskvy; iz opyta raboty zavoda No.5 sheleso-  
betonnykh izdelii Glavmoshshelesobetona. Moskva, Gos.izd-vo lit-ry  
po stroit.materialam, 1957. 69 p. (MIRA 11:1)

1. Zavod No.5 shelesobetonnykh izdeliy Glavmoshshelesobetona. (for Kotenko).  
(Moscow--Reinforced concrete)

7-27-57 [1.1]  
TSYGANKOV, I., inzhener.

Recent development in the technology of precast reinforced concrete;  
remarks by a participant in the International Congress on Precast  
Concrete Construction. Stroim. 3 no.8:35-37 Ag '57.  
(MLRA 10:10)

(Precast concrete construction)



TSYGANKOV, I.I., inzh.

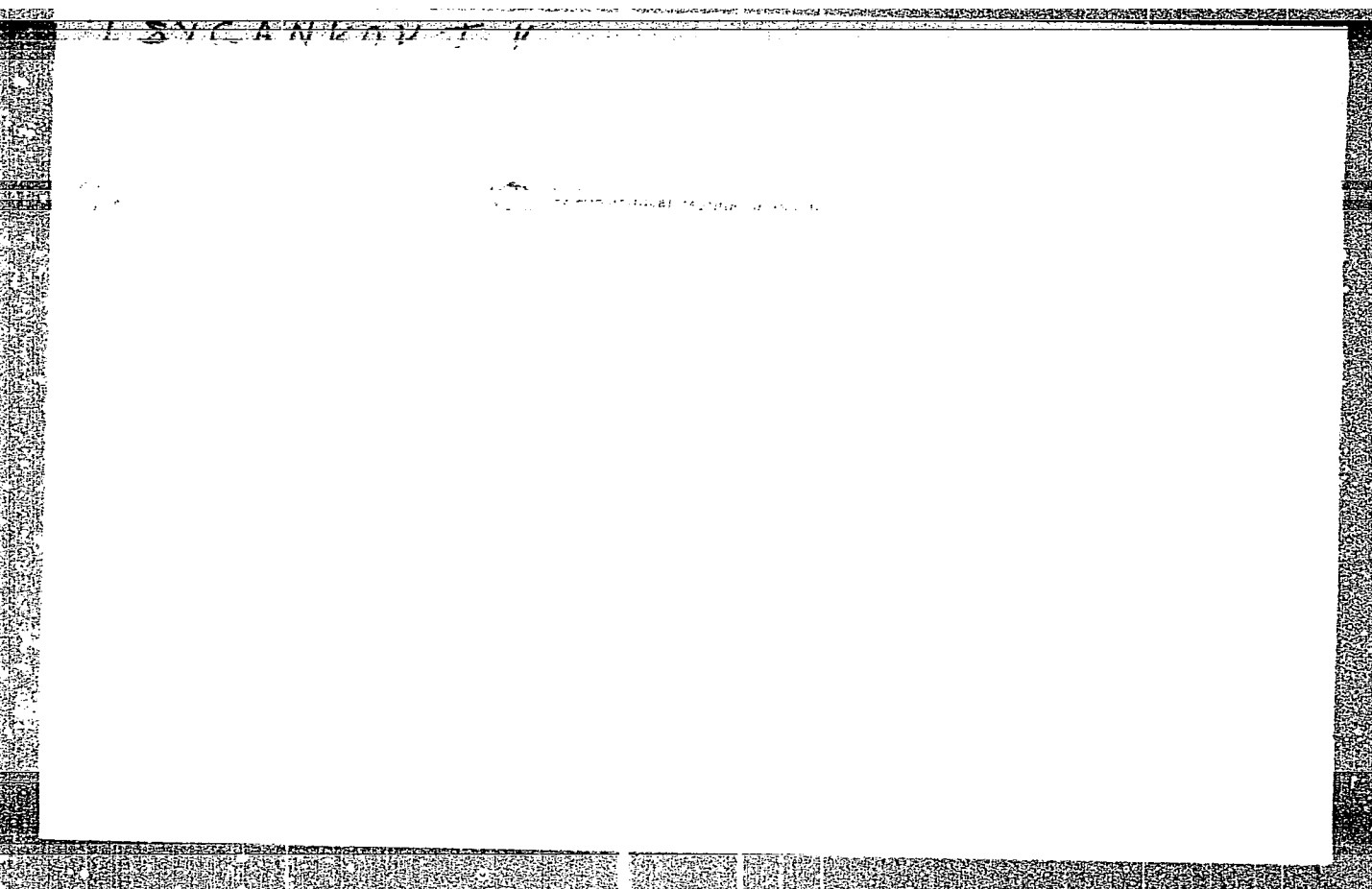
"The production of precast reinforced concrete structural elements and components" by G.D.Mariengof and A.I. Shur. Reviewed by I.I. TSygankov. Bet. 1 zhel. -bet. no.8:337-338 Ag '57.

(MIRA 10:10)

(Precast concrete)

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*Tsygankov, M.N.*  
AUTHOR: Tsygankov, M.N.

3-1-7/32

TITLE: Lectures for Toilers in Rural Districts  
dlya truzhenikov sela)

(Lektsii

PERIODICAL: Vestnik Vysshey Shkoly, 1958, # 1, pp 30-31 (USSR)

ABSTRACT: The article enumerates some of the 300 lectures given on:  
various subjects by the scientific workers of the Rostov-  
on-the-Don Financial-Economic Institute.  
Dotsent A.S.Il'yin delivered 20 lectures in the Urals;  
Professor, Doctor of Economic Sciences A.I.Gozulov, de-  
livered 7; and other lectures were delivered by Candidate of  
Economic Sciences P.G.Shumilin, Dotsent V.A.Miduyev, Dotsent,  
P.V.Mamayev in charge of the Chair of Agricultural Economics,  
Candidate of Economic Sciences N.K.Zabrodin, Instructor  
Yu.S.Yakubov, and Dotsent V.A.Zaydenvarg.

ASSOCIATION: Rostov-on-Don Institute of Finance and Economics (Rostovskiy-  
na-Donu finansovo-ekonomicheskii institut)

AVAILABLE: Library of Congress

Card 1/1

23.4000

64026 69620

AUTHOR: Tsyganov, M. N., Candidate of  
Technical Sciences

S/006/60/000/04/006/019  
B007/B005

TITLE: Possibilities of Improving the Quality of Aerial Negatives in Air  
Surveys of High-mountain Areas

PERIODICAL: Geodeziya i kartografiya, 1960, Nr 4, pp 31-36 (USSR)

TEXT: The Aerofotograficheskaya laboratoriya TsNIIGAIK (Laboratory for Aero-  
photography of the Central Scientific Research Institute of Geodesy, Aerial  
Surveying, and Cartography) investigated the problem of reproducing a high-  
mountain area on aerial photographs in the laboratory, and then took experimental  
aerial photographs of high-mountain regions in the Caucasus and Soviet Central  
Asia. These investigations made it possible to improve the quality of aerial  
negatives in air surveys of high-mountain areas by using the proper developer  
and observing the proper conditions of aerophotography. Mainly data of practical  
importance are given here. The aerial film "pankhrom, tip 10" should be used for  
aerial photographs of high-mountain areas. An OS-14<sup>28</sup> filter gives maximum shadow  
contrasts in photographs of deep gorges, but the density of the negative of  
shadows is insufficient. ZhS-12<sup>28</sup> and ZhS-18<sup>28</sup> filters give better results. Exposure  
should be adjusted by the shadows, not by the mean brightness of the scenery.

Card 1/2

Possibilities of Improving the Quality of Aerial  
Negatives in Air Surveys of High-mountain Areas

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B007/B005

"Amidol", i.e.,  $C_6H_3 OH (NH_2)_2 \cdot 2HCl$ , is recommended for developing the aerial film. It is produced by the Khar'kovskiy zavod khimicheskikh reaktivov (Khar'kov Works of Chemical Reagents). By means of this developer, a photosensitivity is attained, which is nearly equal to that obtained by Chibisov's developer. With an "Amidol" quantity of 2 g/liter, the density of bright portions can be reduced in spite of full development of the shadows. This property of the "Amidol" developer is of positive importance in developing aerial films of high-mountain sceneries. One of the shortcomings of this developer is its short life in contact with air. Recommendations for preparing and using the "Amidol" developer are given. On the basis of sensitometric measurements of aerial negatives, the most favorable characteristics of these negatives are pointed out. There are 2 figures and 3 tables.

Card 2/2



S/704/61/000/002/003/006  
D201/D302

AUTHORS: Kostogryzov, V.S., Candidate of Technical Sciences,  
Miroshnichenko, M.V., and Tsygankov, O.I. Engineers

TITLE: A new method of measuring thermal radiation fluxes

SOURCE: Ukraine. Gosudarstvennaya planovaya komissiya. Institut  
avtomatiki. Avtomatizatsiya i priborostroyeniye; sbornik  
nauchnykh trudov, no. 2, Kiyev, 1961, 74-77

TEXT: The new method differs from the existing ones in that the temperature of the heat collector remains constant, so that the need for introducing corrections is avoided. The cylindrical heat collector is placed in a water-cooled container. The upper cylinder base is pointed towards the heat source to be measured, the other base is water cooled. In the process of measurement the heat flux from the upper cylinder base is passed along the cylinder to its lower base which is water-cooled and the magnitude of heat flux received is determined from the expression

Card 1/2  $q = c \psi_{1,2} \left[ \left( \frac{T_s}{100} \right)^4 - \left( \frac{T_R}{100} \right)^4 \right] \text{ kcal/m}^2 \text{ hr, where } q - \text{ heat}$

S/704/61/000/002/003/006  
D201/D302

A new method of measuring :

flux,  $c$  - the reduced radiation coefficient,  $T_s$  - the absolute source temperature,  $T_R$  - absolute temperature of collector,  $\psi_{1,2}$  - the angular coefficient of radiation exchange. It is seen that the magnitude of the heat is determined only by  $\psi_{1,2}$  and  $c$ .  $\psi_{1,2}$  is uniquely defined by the relative positions of the source and of the collector,  $c$  being determined by the degree of blackness of the receiver  $\epsilon_R$ , the degree of blackness of the source  $\epsilon_s$  and on the angle  $\psi_{1,2}$ . Hence for constant  $T_s$ ,  $T_R$ ,  $\epsilon_s$  and  $\epsilon_R$  - the heat stream is determined only by the linear dimensions determining the angle  $\psi_{1,2}$  or, with the aperture of the cooled cavity, in which the receiving cylinder is placed remaining constant, the heat stream is a function of the distance, at which the upper base of the cylinder is placed from the rim of the container. The arrangement can easily be made to operate automatically, by introducing a comparison element, a controller and an output stage for adjusting the cylinder position. ✓

Card 2/2

35082

S/704/61/000/002/006/006  
D201/D302

24,5500  
AUTHORS:

Semikin, I.D., Professor, Kostogryzov, V.S., Candidate  
of Technical Sciences, and Tsygankov, O.L., Engineer

TITLE:

A heat radiation calorimeter

SOURCE:

Ukraine. Gosudarstvennaya planvoya komissiya. Institut  
avtomatiki. Avtomatizatsiya i priborostroyeniye; sbornik  
nauchnykh trudov, no. 2, Kiyev, 1961, 153-164

TEXT: The authors describe a thermal radiation calorimeter based on the principle of temperature difference produced at a heat resistance by the thermal flux. The instrument consists basically of a hollow copper cylinder with a partition in its middle. The thickness of the cylinder walls and of the partition does not exceed 0.2 mm. The part of the cylinder above the partition acts as an absolutely black body and performs the function of a heat collector. The lower part of the cylinder is slotted, the slots acting as thermal resistances. The cylinder has a connection sleeve for the wiring of a thermocouple battery. The battery is made of copper-constant thermocouples, whose number is determined by the sensitivity

Card 1/3

X

A heat radiation calorimeter ...

S/704/61/000/002/006/006  
D201/1302

of the instrument. The thermocouple battery is wound at the external cylinder surface in such a manner that the heat resistances be placed between the thermocouple junctions (hot junctions) placed against the surface of the heat collector and the junctions placed at the water-cooled part of the cylinder (cold junctions). The junctions are isolated from the cylinder surface by mica wafers. Mica is also used to insulate the thermocouples from the top. The heat collector, together with the thermocouples is placed in a protective envelope. A mirror-polished nickel foil is placed between the collector and the envelope; this arrangement makes the heat losses negligible. The whole arrangement is assembled into a separate unit, fixed at the face of the water-cooled bloc which at its other end has two pipes for the circulation of water and one for the wiring from the thermocouple battery to a potentiometer. The experiments have shown the linear dependence of the e.m.f. of the radiation calorimeter on the thermal flux; the temperature of the radiating body  $T_r$  was found to satisfy Eq. (17)

Card 2/3

A heat radiation calorimeter ...

S/704/61/000/002/006/006  
D201/D302

$T_{\text{eq}} = 100 \sqrt[4]{\frac{0.240I}{F_0}} \text{ } ^\circ\text{K.} \quad (17)$  where  $F_0$  - the area of the cross-section of the collector input aperture in  $\text{m}^2$ ,  $U$  and  $I$  - the heating voltage and current of the source respectively (the radiation source was a spiral, placed inside the collector) and  $C$  - the reduced coefficient of radiation of the source-collector system. The instrument lag  $\mathcal{E}$  was found to be 13 sec. It was found that in a stationary state the indications of the calorimeter are independent of the intensity of cooling. There are 7 figures and 4 Soviet-bloc references. X

Card 3/3

TSYGANKOV, P.S.

TSYGANKOV, P.S. "Investigation of the process of distillation and rectification of ethyl alcohol in multi-story columns". Kiev, 1955. Min Higher Education Ukrainian SSR. Kiev Technological Inst of the Food Industry imeni A.I. Mikoyan. (Dissertations for the Degree of Candidate of Technical Sciences).

SO: Knizhnava letopis' No 45, 5 November 1955. Moscow.

The increase of the yields of alcohol of highest purity.  
 P. S. Tsygankov. *Spirtozaya Prom.* 22, No. 2, 21-2  
 (1950). Certain changes applied to the columns used here-  
 before caused an increase in the output of high-purity EtOH  
 from 90-95% of the production to 98.2-8.4% thereof. The  
 following set of conditions were used (characteristics prior to  
 change in parentheses): pressure in the lower part of the  
 mash column 1500 (1400), pressure in the lower part of the  
 fractionating column 1400 (1200), pressure in the lower part  
 of the rectification column 1800-1700 (1800) mm. H<sub>2</sub>O;  
 temp. on the lower part of the fractionating column 88-90°  
 (86-8°), temp. in the zone of sepg. fuel oil (I) of the recti-  
 fication column 95-5° (99-102°), temp. at the 11 lower plates  
 of the rectification column 87-8° (93-9°), temp. of the H<sub>2</sub>O  
 leaving the dephlegmator of the fractionating column 61-7°  
 (60-5°), temp. of the H<sub>2</sub>O leaving the dephlegmator of the  
 rectification column 64-5° (66-70°); no. of plates, counted  
 from below, where the I is withdrawn is 7 and 9 (7, 9, and  
 11).  
 ———— Werner Jacobson

The increase of the yields of alcohol of highest purity.  
 P. S. Tsygankov. *Spirtozaya Prom.* 22, No. 2, 21-2  
 (1950). Certain changes applied to the columns used here-  
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 following set of conditions were used (characteristics prior to  
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 temp. on the lower part of the fractionating column 88-90°  
 (86-8°), temp. in the zone of sepg. fuel oil (I) of the recti-  
 fication column 95-5° (99-102°), temp. at the 11 lower plates  
 of the rectification column 87-8° (93-9°), temp. of the H<sub>2</sub>O  
 leaving the dephlegmator of the fractionating column 61-7°  
 (60-5°), temp. of the H<sub>2</sub>O leaving the dephlegmator of the  
 rectification column 64-5° (66-70°); no. of plates, counted  
 from below, where the I is withdrawn is 7 and 9 (7, 9, and  
 11).  
 ———— Werner Jacobson

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TSYGANKOV, P.S.

Contact devices of rectification columns. Spirt. prom. 23 no.4:16-22  
'57. (MIRA 10:5)

L. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti  
imeni Mikoyana.  
(Distillation apparatus)

TSYGANKOV P.S.

FEDOROV, P.D.; STABNIKOV, V.N.; GLYBIN, I.P.; BELYAVSKIY, V.V.; BOYCHENKO, N.G.; BUZYKIN, N.A.; GOLOVIN, P.V.; DEMCHUK, A.P.; ZHURA, K.D.; KORCHINSKIY, A.I.; KURILENKO, O.D.; KLIMKO, N.G.; LITVAK, I.M.; MAL'TSEV, P.M.; NIKOLAYCHUK, I.M.; NAUMOV, A.L.; POPOV, V.D.; RED'KO, F.A.; SKOBLO, D.I.; KHRISTENKO, M.M.; TSYGANKOV, P.S.; SHLIPCHENKO, Z.S.; SHVETSOV, P.D.

Gleb Mikhailovich Znamenskii; obituary. Sakh. prom. 31 no.12:68  
D '57. (MIRA 11:1)

(Znamenskii, Gleb Mikhailovich, 1901-1957)

TSYGANKOV, P.S.; MURAVSKAYA, O.G.

Heating the columns of beer rectification apparatuses. Spirt. prom.  
24 no.3:10-11 '58. (MIRA 11:6)  
(Distillation apparatus)

TSYGANKOV, P.S.; NIKOLAYEV, A.P.

Operation of the final rectification column. Spirt. prom. 25  
no.5:20-22 '59. (MIRA 12:10)  
(Alcohol)

TSYGANKOV, Petr Semenovich; MARKINA, Anna Timofeyevna [Markira, H.T.];  
KASPERS'KA, O., red.; VELICHKO, M. [Velychko, M.], tekhn.red.

[Production of synthetic alcohol] Vyrobnystvo syntetychnoho  
spyrtu. Kyiv, Derzh.vyd-vo tekhn.lit-ry URSR, 1958. 86 p.  
(MIRA 13:2)

(Alcohol)

DOMARETSKIY, V.A.; TSYGANKOV, P.S.

Control of steam feed to the columns of beer rectification stills.  
Form. i spirit.prom. 31 no.5:12-14 '65.

(MIRA 18:8)

1. Kiyevskiy tekhnologicheskii institut plishchevoy promyshlennosti  
imeni Mikoyana.

TSYGANKOV, P.S.

1. *On the operative capacity of rectification towers. Perm.*  
i. *gipr.prom. 31 no.3:12-15 '65.* (MIRA 12:5)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti  
imeni Mikoyana.

TSYGANKOV, P.S.; MALEZHIK, I.F.

Coefficients of heat transfer of the heaters for molasses beer  
stillage. Ferm. i spirt. prom. 30 no.3:18-21 '64.

(MIRA 18:2)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti  
imeni Mikoyana.



TSYGANKOV, P.S.

Effect of the reflux ratio and distillate concentration on steam  
consumption in rectification. *Ferm. i spirt.prom.* 30 no.8:14-15  
'64. (MIRA 18:1)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti  
imeni Mikoyana.

TSYGANKOV, P.S.

Remodeling of the beer rectification apparatus in the Gomi Distillery.  
Ferm. i spirt. prom. 30 no.6:18-21 '64. (MIRA 17:11)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti  
im. Mikoyana.

TSYGANKOV, P.S.; STABNIKOV, V.N., prof., red.

[New technological systems of beer rectification and rectification apparatus; a survey] Novye tekhnologicheskie skhemy bragorektifikatsionnykh i rektifikatsionnykh apparatov; obzor. Moskva, 1962. 58 p. (MIRA 17:4)

1. Moscow. Tsentral'nyy institut nauchno-tekhnicheskoy informatsii pishchevoy promyshlennosti.

TSYGANKOV, P.S. [TSyhankov, P.S.]

Efficient system of a rectification apparatus. Kharch.prom. no.4:35-41  
O-D '63. (MIRA 17:1)

TSYGANKOV, P.S.

Analyzing the performance of rectifying apparatus with direct  
action. Spirt. prom. 29 no.7:5-11 '63. (MIRA 16:12)

1. Kiyevskiy tekhnologicheskii institut pishchevoy promyshlennosti  
im. Mikoyana.

NIKOLAYEV, A.P.; TSYGANKOV, P.S.

Equation of the connection between parameters in the distillation process. Izv.vys.ucheb.zav.; pishch. tekhn. no.3:138-142 '63. (AIRA 16:8)

1. Kiyevskiy tekhnologicheskii institut pishchevoy promyshlennosti, kafedra protsessov i apparatov pishchevykh proizvodstv i kafedra oborudovaniya.

(Distillation--Tables, calculations, etc.)

TSYGANKOV, P.S.; NIKOLAYEV, A.P.

Calculating the steam consumption for the heating of beer  
rectification columns. Izv. vys. ucheb. zav.; pishch. tekhn.  
no.2:138-142 '63. (MIRA 16:5)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti  
kafedra spetsoborudovaniya i kafedra protsessov i apparatov  
pishchevykh proizvodstv.  
(Distillation apparatus)

MALEZHIK, I.F.; TSYGANKOV, P.S.

Coefficient of steam excess of the beer still and reflux ratio of  
the rectifying column. Izv.vys.ucheb.zav.; pishch.tel.h. no.3:  
155-159 '63. (MIRA 16:8)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti,  
kafedra protsessov i apparatov pishchevykh proizvodstv.  
(Distillation apparatus)



TSYGANKOV, P.S. [TSyhankov, P.S.]; KITAYCHUK, M.M. [Kytachuk, M.M.]

Work practices of the rectification shops of the Bar Distillery.  
Khar. prom. no.1:43-45 Ja-Mr '63. (MIRA 16:4)

(Bar—Distilling industries—Equipment and supplies)

TSYGANKOV, P.S.

Rectification apparatus for the manufacture of high-purity alcohol.  
Khar.prom. no.2:73-76 Ap-Je '62. (MIFA 15:9)

1. Kiyevskiy tekhnologicheskij institut pishchevoy  
promyshlennosti. (Distillation apparatus)

TSYGANKOV, P.S. [TSyhankov, P.S.]; NIKOLAYEV, O.P. [Nikolaiev, O.P.]

Effective utilization of the fusel oil column of rectification  
and beer rectification apparatus. Khar.prom. no.1:48-51  
Ja-Mr '62. (MIRA 15:8)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti.  
(Distillation apparatus)

TSYGANKOV, P.S. [TSyhankov, P.S.]

Increasing the operative efficiency of beer rectification  
apparatus with semicontinuous action. Khar.prom. no.3:42-46  
Jl-S '62. (MIRA 15:8)

1. Kiyevskiy tekhnologicheskii institut pishchevoy promyshlennosti.  
(Brewing industry--Equipment and supplies)

TSYGANKOV, P.S.

Analyzing the performance of the fractionating column in case  
of water feed to its top tray. Izv.vys.ucheb.zav.; pishch.tekh.  
2:120-127 '62. (MIRA 15:5)

1. Kiyevskiy tekhnologicheskii institut pishchevoy promyshlennosti,  
kafedra spetsoborudovaniya. (Packed towers)

TSYGANKOV, P.S.

Work of the All-Union Interuniversity Conference on the Theory  
and Practice of Distillation in the Chemical and Food Industries.  
Trudy KTIPP no.24:191-200 '61. (MIRA 15:6)  
(Distillation)

TSYGANKOV, P.S.; NIKOLAYEV, A.P.

Design of a new beer rectification unit. Spirt.prom. 2" no.3:22-  
25 '61. (MIRA 14:4)

(Distillation apparatus)

STABNIKOV, V.N.; NIKOLAYEV, A.P.; TSYGANKOV, P.S.; GARBARENKO, V.G.

Hydrodynamic testing of turbogrid-type sieve plates. Truly KTIP?  
no.22:171-177 '60. (MIRA 14:3)  
(Plate towers)



TSYGANKOV, P.S.

All-Union Interuniversity Conference on the theory and practice  
of rectification in the chemical and food industries. Khim.  
prom. no. 2:144-147 F '61. (MIRA 14:4)  
(Distillation, Fractional—Congresses)

TSYGANKOV, P.S.; NIKOLAYEV, A.P.

Distribution of the concentrations of alcohol over the plates of  
fractionating columns. Izv.vys.ucheb.zav.;pishch.tekh.no.5:149-  
152 '60. (MIRA 13:12)

1. Kiyevskiy tekhnologicheskii institut pishchevoy promyshlennosti.  
Kafedra spetsoborudovaniya i Kafedra protsessov i apparatov.  
(Alcohol) (Plate towers)

TSYGANKOV, P.S.

Alcohol industry and the liqueur and vodka industry of the  
Bulgarian People's Republic. Spirt.prom. 26 no.7:21-23 '60.  
(HIRA 13:10)

(Bulgaria--Liquor industry)

BELYAYEV, A.F. (Moskva); KONDRASHKOV, Yu.A. (Moskva); LUKASHENYI, G.V.  
(Moskva); PARFENOV, A.K. (Moskva); TSYGANKOV, S.A. (Moskva)

Flare combustion of model mixtures of fuels and oxidizers.  
Nauch.-tekh. probl. gor. i vzryva no.1:25-30 '65. (MIRA 18:9)